

# ONE DOSE DOES IT.

## THAT'S THE WAY I LIKE IT.



ALPHA™  
Vaccines

# STAY A STEP AHEAD OF BLACKLEG AND ENTEROTOXEMIA WITH JUST ONE DOSE OF ALPHA.™



*A single dose of ALPHA™ provides extended protection – up to 180 days – against seven clostridia strains including *Cl chauvoei* and *Cl perfringens Types C&D*, which can lead to sudden death from enterotoxemia.*

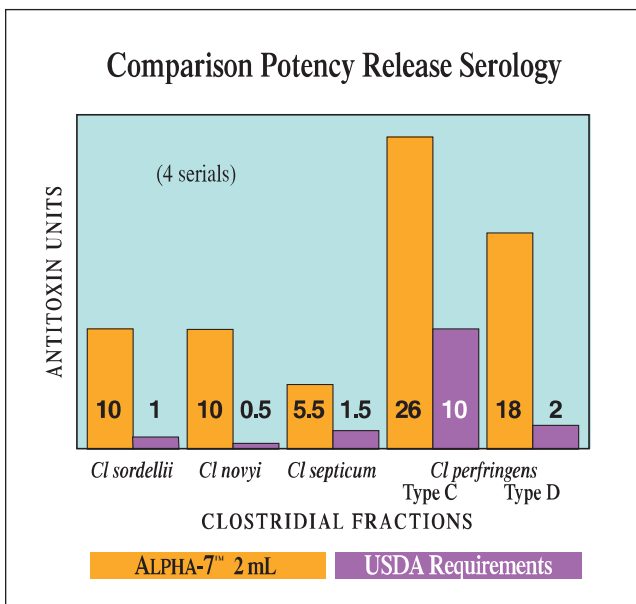
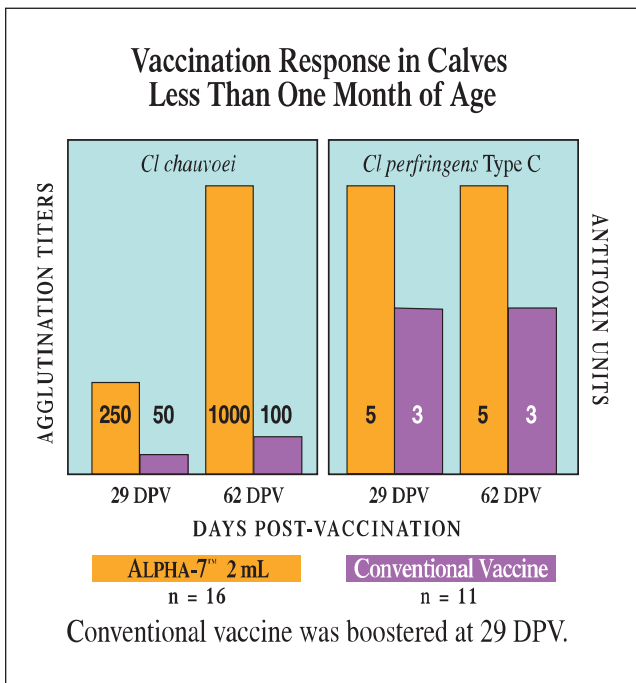
The ALPHA family of clostridial vaccines is designed to provide the highest degree of protection for the longest duration of immunity with the least amount of stress and effort. Direct challenge trials have proven the efficacy of a single dose of ALPHA for up to six months. High antibody titers and maximum seroconversion are characteristic of the ALPHA immune response.

## **DRAMATICALLY EXCEEDING THE STANDARD.**

Potency is what makes ALPHA vaccines special. Tested under federal regulatory observation via severe direct clostridial challenge, ALPHA-7 exceeded USDA Biological Service standards by a wide margin for all fractions. Whereas competitive vaccines in the study were administered twice with separate 5 mL doses, a single 2 mL dose of ALPHA provided protection when challenged directly with *Cl chauvoei* and *Cl sordellii* more than six months post-vaccination. ALPHA also delivers protective levels of immunity against enterotoxemia caused by *Cl perfringens* Types C&D, often the cause of sudden death. With ALPHA vaccines, just once is all it takes.

## STIMULATING ACTIVE IMMUNITY FROM THE START.

ALPHA vaccines are safe for use in all ages of cattle, including bred and lactating animals. Field trials in calves under one month of age indicate that agglutination titers for *Cl chauvoei* at 62 days were 10 times higher than with competitive vaccines, and 1.2 times higher for *Cl perfringens*. Such a high level of performance and extended duration of immunity is due, in part, to ALPHA's proprietary DD-2™ adjuvant system.



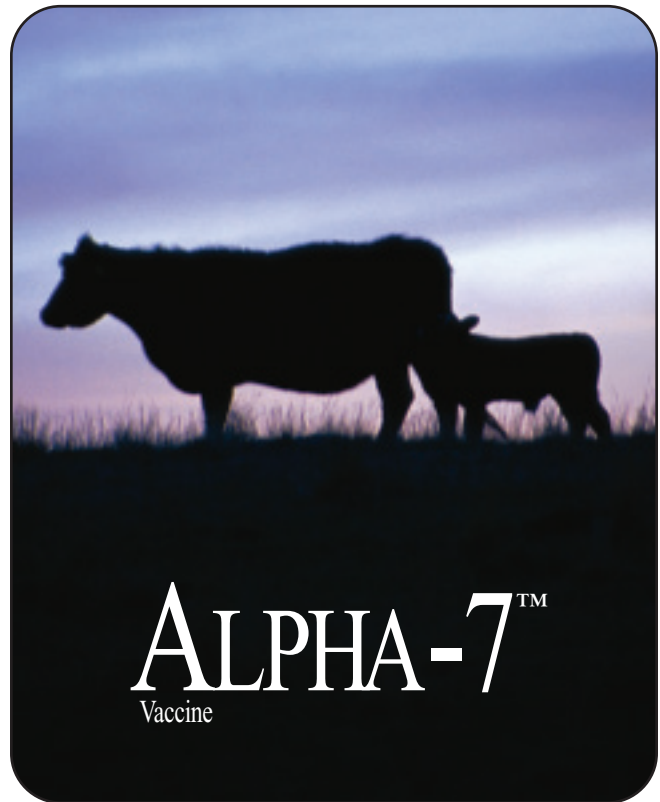
## ONCE IS ALL IT TAKES. WITH ALPHA.

- The only 7-way one-dose, 2 mL, Sub-Q regimen
- Effective against clostridial pathogens associated with Blackleg and Enterotoxemia
- Meets BQA guidelines
- Available in 7-way, 3-way C&D and 7-way plus *M bovis* pinkeye combinations

Protect against performance loss from clostridial infection.

- Save time
- Save stress
- Save labor
- Save expense

Get the results you want with less handling and less hassle. With ALPHA vaccines.



Just ONCE.

# FLEXSELECT™

## VACCINATION PROGRAM

### CALVES AT BIRTH

#### CLOSTRIDIAL/ENTEROTOXEMIA PREVENTION

or ALPHA-7™\*  
ALPHA-CD™\*

*Cl chavoiei-septicum-novyi-sordellii-perfringens* Types C&D  
*Cl perfringens* Types C&D

#### SCOURS/PNEUMONIA PREVENTION OR TREATMENT

BAR-GUARD-99™  
QUATRACON-2X™ as needed

*E coli* K-99 oral antiserum  
*E coli* K-80-*P multocida-Styphimurium-C pyogenes*

### COWS PRE-BREEDING & 3-MONTH OLD CALVES

#### EXTERNAL PARASITE CONTROL FOR COWS & CALVES

PERMECTRIN™ CDS POUR-ON  
or PATRIOT™  
COMMANDO™

Synergized, concentrated permethrin  
40% diazinon insecticide cattle ear tag  
Ethion insecticide cattle ear tag

#### COW VACCINATION

or ALPHA-7  
ALPHA-7/MB™  
VIBRIO-LEPTO-5™

*Cl chavoiei-septicum-novyi-sordellii-perfringens* Types C&D  
*Cl chavoiei-septicum-novyi-sordellii-perfringens* Types C&D-*M Bovis*  
*C fetus-Lepto-5*

or ELITE 4-HS™  
BREED-BACK™ FP 5-HS\*\*

KV IBR-BVD Type 1-PI<sub>3</sub>-BRSV-*H somnus*  
MLV IBR-BVD Types 1&2-PI<sub>3</sub>-BRSV-*H somnus*

#### CALF VACCINATION

PULMO-GUARD™ PHM-1\*  
or ALPHA-7  
ALPHA-7/MB

*P haemolytica-multocida*  
*Cl chavoiei-septicum-novyi-sordellii-perfringens* Types C&D  
*Cl chavoiei-septicum-novyi-sordellii-perfringens* Types C&D-*M Bovis*

or ELITE 4-HS  
EXPRESS™ 5-HS\*\*

KV IBR-BVD Type 1-PI<sub>3</sub>-BRSV-*H somnus*  
MLV IBR-BVD Types 1&2-PI<sub>3</sub>-BRSV-*H somnus*

\* Single dose product

\*\* Modified live virus vaccine should be administered to open cows only, at least four weeks prior to breeding. Vaccinate herd bulls at the same time.  
Do not vaccinate calves nursing pregnant cows.

